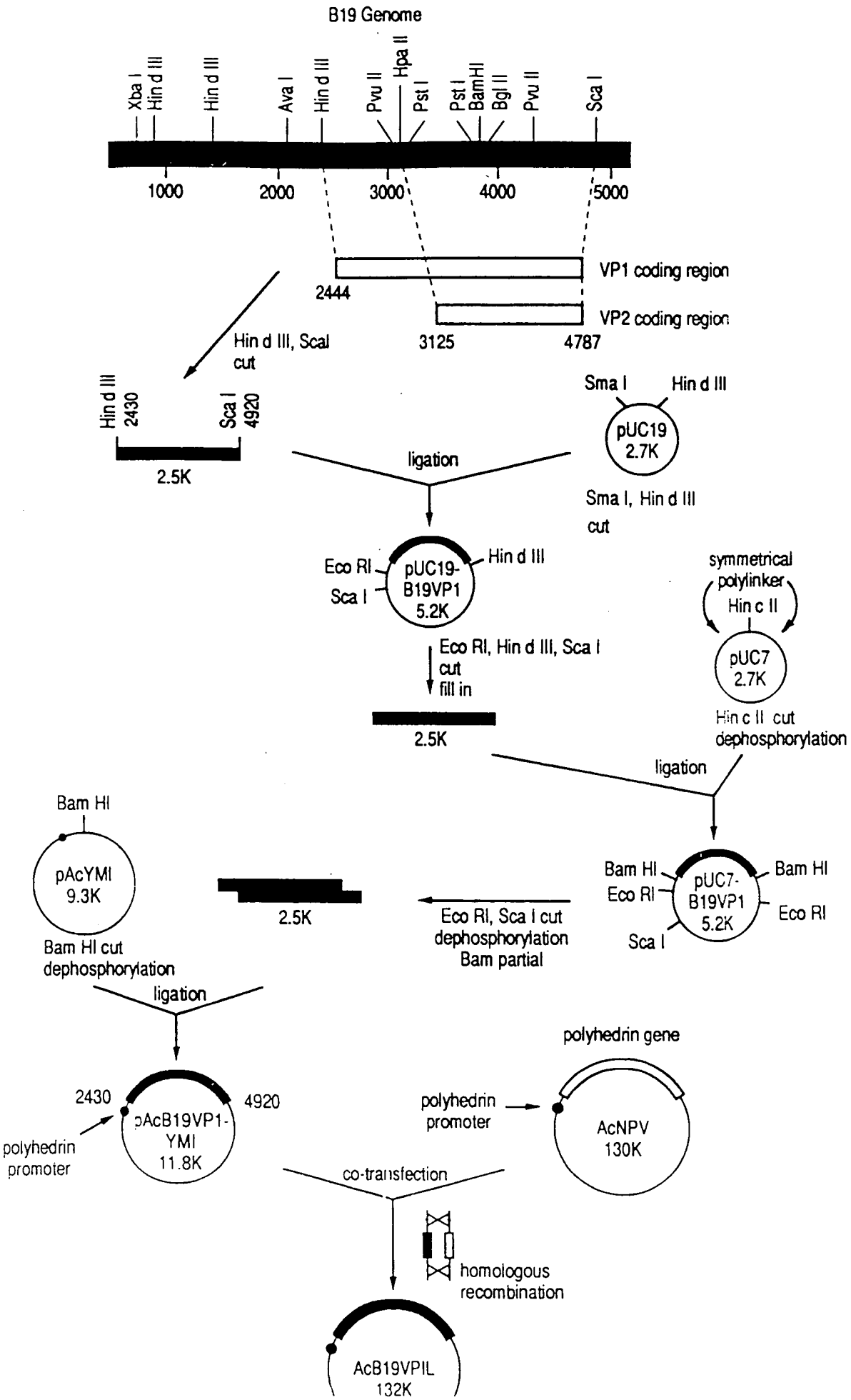
B19 Genome
Xba I
Hin d III
Hin d III
Hin d III
Ava I
Hin d III
Pvu II
Hpa II
Pst I
Pst I
BamHI
Bgl II
Pvu II
Sca I
1000
2000
3000
4000
5000
2444
VP1 coding region
VP2 coding region
3125
4787
Hin d III, ScaI cut
Hin d III
2430
Sca I
4920
2.5K
Sma I
Hin d III
pUC19 2.7K
Sma I, Hin d III cut
ligation
Eco RI
Hin d III
Sca I
pUC19-B19VP1 5.2K
Eco RI, Hin d III, Sca I cut fill in
2.5K
symmetrical polylinker
Hin c II
pUC7 2.7K
Hin c II cut dephosphorylation
ligation
Bam HI
pAcYMI 9.3K
Bam HI cut dephosphorylation
2.5K
Eco RI, Sca I cut dephosphorylation Bam partial
Bam HI
Eco RI
pUC7-B19VP1 5.2K
Bam HI
Eco RI
Sca I
ligation
2430
4920
polyhedrin promoter
pAcB19VP1-YMI 11.8K
polyhedrin gene
polyhedrin promoter
AcNPV 130K
co-transfection
homologous recombination
AcB19VPIL 132K